



PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kristoph D. Krug et al. Art Unit: 2506
Serial No.: 08/403,277 Examiner: D. Porta
Filed : March 13, 1995
Title : DEVICE AND METHOD FOR INSPECTION OF BAGGAGE AND OTHER
OBJECTS

Commissioner of Patents and Trademarks
Washington, DC 20231

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RESPONSE

In response to the Examiner's action mailed September 17, 1996, please amend the application, as follows:

In the claims:

57. (Amended) A device for detecting plastic explosive objects in packages or luggage which contain [harmless] non-explosive plastic, or plastic-like [or other] objects in an initially unidentified ensemble of objects, comprising:

a conveyor for sequentially moving packages or luggage through an inspection region,

a stationary X-ray exposure system located at said inspection region and positioned to expose sequentially said packages or luggage comprising an initially unidentified ensemble of objects in said inspection region to X-ray radiation of at least two substantially different energies,

a stationary X-ray detection system positioned to detect X-ray radiation transmitted through an item of luggage or package, said detection system providing data corresponding to the intensity of transmitted radiation of said two energies,

a computer operatively connected to said detection system to receive said data and programmed to calculate a value of specific property of a plastic explosive object in said item

Date of Deposit

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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